



09-03-04



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Paul Rudolf

Docket Number: 121306.00002

Serial No.: 10/648,855

Art Unit: 2121

Filed: August 26, 2003

Examiner: unknown

For: ASSOCIATIVE MEMORY DEVICE AND METHOD BASED ON WAVE
PROPAGATION

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL NO. EV 442379832 US

DATE OF DEPOSIT: September 2, 2004

Dear Sir:

Herewith is Form PTO-1449 together with one copy of each document listed thereon. Please note also any item(s) designated below:

___ The fee set forth in 37CFR 1.17(p) ___ is enclosed ___ may be charged to
Deposit Account Number 20-0668.

X Each document listed on enclosed Form PTO-1449 was first cited in any
communication from a foreign patent office in a counterpart foreign application
not more than three months prior to the filing of this correspondence.

Respectfully submitted,

Michael G. Cameron
Reg. No. 50,298

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2435 N. Central Expressway, Suite 600
Richardson, Texas 75080
972-744-2934

IDS - 08/26/2003

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO				C mplete if Kn wn	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	
				Filing Date	
				First Named Inventor Paul Rudolf	
				Group Art Unit	
				Examiner Name	
(use as many sheets as necessary)				Attorney Docket Number 121306.00002	
Sheet	1	of	5		

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JH		US-5,515,477	05/7/1998	J.G. Sutherland	
		US-4,974,202	11/27/1990	N. Mukohzaka	
		US-5,526,298	08/11/1998	N. Mukohzaka	
		US-4,701,879	10/20/1987	R.W.A. Scarr	
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		US-5,933,383	08/3/1999	T. Shindo	
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		US- 6,332,137 B1	12/18/2001	T. Hori, et al.	
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		US- 5,696,838	12/9/1997	C.Chlu, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	/Joseph Hirl/ (04/27/2006)	Date Considered	
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² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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		Number - Kind Code ² (if known)			
JH ↓		US-5,895,652	11/30/1999	C.Chiu, et al.	
		US-6,038,338	03/14/2000	C.T. Nguyen	
		US-5,615,112	03/25/1997	O. R. Liu Sheng, et al.	
		US-5,819,007	10/6/1998	Z.F. Elghazzawi	
		US-5,924,052	07/13/1999	R. Palm	
		US-5,974,350	10/26/1999	L.I. Davis, Jr. et al.	
		US-6,094,646	07/25/2000	T.A. Runkler and J.C. Bezdek	
		US-5,893,085	04/6/1999	R.W. Phillips and J. L. Nettles	
		US-6,012,640	01/11/2000	L. Liu	
		US-6,272,476 B1	08/7/2001	B. Shi and G. Lin	
		US-5,748,852	05/5/1998	R.P.S. Mahler	
		US-6,337,926 B2	01/8/2002	K. Takahashi	
		US-5,757,287	05/26/1998	T. Kitamura, et al.	
		US-5,579,411	11/26/1996	G. Shou, et al.	
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		US-6,195,638	02/27/2001	G. Ilan and J. Goldberger	
	US-5,901,244	05/4/1999	M. Souma and K. Nagao		
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JH		US-6,278,788 B1	08/21/2001	K.G. Rao	

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Sheet	3	of	5	Attorney Docket Number	121306.00002

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JH		US-6,069,696	05/30/2000	A.M. McQueen, et al.	
		US-6,311,173B1	10/30/2001	B. Levin, et al.	
		US-6,327,581B1	12/4/2001	J.C. Platt	
		US-5,659,626	08/19/1997	J.R. Ort, et al.	
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		US-5,985,641	11/30/1999	M. Yamaguchi	
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		US-5,869,822	02/09/1998	D. L. Meadows II and A. J. Pourafian	
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		US-6,108,437	08/22/2000	S.H. Lin	
		US-5,802,208	09/1/1998	C.I. Podlichuk and X. Zhang	
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		US-6,301,370B1	10/9/2001	J.B. Steffens, et al.	
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		US-4,495,644	01/22/1985	J.R. Parks, et al.	
JH		US-5,109,426	04/28/1992	J.R. Parks	

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Examiner Signature	/Joseph Hir1/ (04/27/2006)	Date Considered
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Sheet	4	of	5
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Complete If Known

Application Number

Filing Date

First Named Inventor

Paul Rudolf

Group Art Unit

Examiner Name

Attorney Docket Number

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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Signature**

/Joseph Hirl/ (04/27/2006)

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Sheet	5	of	5

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JH		T. JOACHIMS, "Text Categorization with Support Vector Machines, Proceedings of European Conference on Machine Learning(ECML), 1998, 7 pps.	
JH		Y. LECUN, et al., "Comparison of Learning Algorithms for Handwritten Digit Recognition," Proceedings ICANN'95- International Conference on Artificial Neural Networks, Vol. II, pages 1-9. EC2, 1995.	
JH		S. PANKANTI, S. PRABHAKAR AND A.K. JAIN, "On the Individuality of Fingerprints," IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 24, No. 8, August 2002 (In Press). 8 pps.	
JH		PAUL G. RUDOLF, et al., "Computer Modeling Wave Propagation with a Variation of the Helmholtz-Kirchhoff Relation", Applied Optics, Vol. 29 No. 7, 1 March 1990, 6 pps.	

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